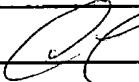




SHEET 1 of 11

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER LJL 354B	APPLICATION NUMBER 09/596,444
	APPLICANT Wei Huang et al.	
	FILING DATE June 19, 2000	GROUP ART UNIT 1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
  	5,567,302	10/22/96	Song et al.			
	5,571,684	11/5/96	Lawrence et al.			
	5,571,897	11/5/96	Takalo et al.			
	5,573,752	11/12/96	Ranganathan et al.			
	5,591,581	1/7/97	Massey et al.			
	5,593,867	1/14/97	Walker et al.			
	5,599,681	2/4/97	Epstein et al.			
	5,610,075	3/11/97	Stahl-Rees			
	5,610,287	3/11/97	Nikiforov et al.			
	5,614,368	3/25/97	Ghazarossian et al.			
	5,616,312	4/1/97	Rosik			

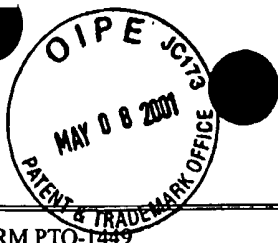
FOREIGN PATENT DOCUMENTS

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	WO99/60385	11/25/99	WIPO			XX	

OTHER DOCUMENTS

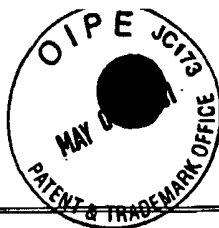
	GeneChip Probe Array Synthesis, Affymetrix, internet pages 1-2, March 17, 1998.
	<i>Mutation Detection and Single-Molecule Counting Using Isothermal Rolling-Circle Amplification</i> , Lizardi et al., <i>Nature Genetics</i> , Vol. 19, No. 3, pp. 225-232, July 1998.
	<i>Homogeneous Time-Resolved IL-2-IL-2Ra Assay Using Fluorescence Resonance Energy Transfer</i> , Stenroos et al., <i>Cytokine</i> , Vol. 10, No. 7, pp. 495-499, July 1998.
	<i>Synthesis, Spectral Properties and Detection Limits of Reactive Squarylium Dyes, a New Class of Diode Laser Compatible Fluorescent Protein Labels</i> , Oswald et al., August 21, 1998.

EXAMINER 	DATE CONSIDERED 4/18/04
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FORM PTO-1449		DOCKET NUMBER LJL 354B		APPLICATION NUMBER 09/596,444		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT Wei Huang et al.				
		FILING DATE June 19, 2000		GROUP ART UNIT 1645		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL DATE IF APPROP.
OP	5,622,821	4/22/97	Selvin et al.			
	5,624,847	4/29/97	Lakowicz et al.			
	5,631,127	5/20/97	Sundrehagen			
	5,631,169	5/20/97	Lakowicz et al.			
	5,632,982	5/27/97	Sussman et al.			
	5,637,463	6/10/97	Dalton et al.			
	5,637,509	6/10/97	Hemmilä et al.			
	5,639,615	6/17/97	Selvin et al.			
	5,641,633	6/24/97	Linn et al.			
	5,641,878	6/24/97	Dandliker et al.			
OP	5,645,800	7/8/97	Masterson et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OP	WO 00/00819	1/6/00	WIPO			XX
OP	WO00/06989	2/10/00	WIPO			XX
OTHER DOCUMENTS						
		Illuminating the SNP Genomic Code, Czarnik, <u>Modern Drug Discovery</u> , pp. 49-55, November/December 1998.				
OP		A Catalog of Reagents, Microplates and Accessories of Life Science Research, Book 2, Packard BioScience Company, December 1998.				
OP		CytoFluor Fluorescence Multi-Well Plate Reader brochure, PerSeptive Biosystems, 1998.				
OP		Luc-Screen™ brochure, Tropix, Inc., 1998				
EXAMINER <i>Car L. Law</i>			DATE CONSIDERED 4/18/04			



SHEET 3 OF 11

FORM PTO-1449		DOCKET NUMBER LJL 354B		APPLICATION NUMBER 09/596,444		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT Wei Huang et al.				
		FILING DATE June 19, 2000		GROUP ART UNIT 1645		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
[Signature]	5,648,269	7/15/97	Lakowicz et al.			
	5,656,254	8/12/97	Ramalingam et al.			
	5,656,433	8/12/97	Selvin et al.			
	5,660,991	8/26/97	Lakowicz et al.			
	5,668,110	9/16/97	Barrett et al.			
	5,670,113	9/23/97	Akong et al.			
	5,676,943	10/14/97	Baetge et al.			
	5,677,196	10/14/97	Herron et al.			
	5,677,199	10/14/97	Arrhenius			
	5,677,280	10/14/97	Barrett et al.			
[Signature]	5,683,983	11/4/97	Barrett et al.			
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[Signature]	WO00/06990	2/10/00	WIPO			XX
[Signature]	WO00/06991	2/10/00	WIPO			XX
OTHER DOCUMENTS						
[Signature]		Xpress-Screen™ brochure, Tropix, Inc., 1998.				
[Signature]		Fixed Polarizer Ellipsometry for Simple and Sensitive Detection of Thin Films Generated by Specific Molecular Interactions: Applications in Immunoassays and DNA Sequence Detection, Ostroff et al., <u>Clinical Chemistry</u> , 44:9, pp. 2031-2035, 1998.				
[Signature]		A Microfabricated Device for Sizing and Sorting DNA Molecules, Chou et al., <u>PNAS</u> , Vol. 96, pp. 11-13, January 1999.				
[Signature]		Fluorescence Polarization in Homogeneous Nucleic Acid Analysis, Chen et al., <u>Genome Research</u> , Vol. 9, pages 492-498, February 26, 1999.				
EXAMINER [Signature]		DATE CONSIDERED 4/18/04				



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FORM PTO-1449

INFORMATION DISCLOSURE
CITATION IN AN APPLICATIONDOCKET NUMBER
LJL 354BAPPLICATION NUMBER
09/596,444APPLICANT
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June 19, 2000GROUP ART UNIT
1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
CP	5,705,045	1/6/98	Park et al.			
	5,707,813	1/13/98	Dandliker et al.			
	5,723,304	3/3/98	Abuknesha			
	5,731,147	3/24/98	Bard et al.			
	5,738,825	4/14/98	Rudigier et al.			
	5,739,001	4/14/98	Brown et al.			
	5,741,714	4/21/98	Liberti			
	5,744,320	4/28/98	Sherf et al.			
	5,750,410	5/12/98	Dou et al.			
	5,756,292	5/26/98	Royer			
	5,756,304	5/26/98	Jovanovich			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
CP	WO00/11220	3/2/00	WIPO			XX	
	WO00/14515	3/16/00	WIPO			XX	

OTHER DOCUMENTS

CP		<i>The Human Genome Project: Challenges and Opportunities</i> , Washington University in St. Louis, March 5, 1999.
CP		<i>Everything's Great When It Sits on a Chip</i> , Bob Sinclair, <i>The Scientist</i> , Vol. 13, #11, May 24, 1999.
CP		<i>Assay Miniaturization for High-Throughput Screening</i> , Peter Panfili, Application Note, September 1999.
CP		CyBi™-Disk brochure, CyBio AG, October 1999.
CP		PanVera Postings, Issue 5, PanVera Corporation, October 1999.

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9/18/04



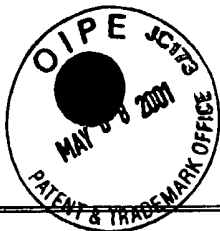
SHEET 5 of 11

FORM PTO-1449		DOCKET NUMBER LJL 354B		APPLICATION NUMBER 09/596,444		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT Wei Huang et al.				
		FILING DATE June 19, 2000		GROUP ART UNIT 1645		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,760,188	6/2/98	Beaudet et al.			
	5,762,910	6/9/98	Unger et al.			
	5,763,158	6/9/98	Bohannon			
	5,770,455	6/23/98	Cargill et al.			
	5,773,257	6/30/98	Nielson et al.			
	5,783,397	7/21/98	Hughes et al.			
	5,786,139	7/28/98	Burke et al.			
	5,798,085	8/25/98	Seaton et al.			
	5,800,778	9/1/98	Chen et al.			
	5,800,989	9/1/98	Linn et al.			
	5,800,996	9/1/98	Lee et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	WO00/23785	4/27/00	WIPO			XX
	WO00/42209	7/14/00	WIPO			XX
OTHER DOCUMENTS						
		SnaPshot ddNTP Primer Extension Kit product bulletin, PE Biosystems, October 1999.				
		Handout Information, Tips and Tricks ... Automated Liquid-Handling in the Microplate Format, CyBio AG, November 1999.				
		Magellan, Instrument Control and Data Analysis Software brochure, Tecan AG, November 1999.				
		Terbium and Rhodamine as Labels in a Homogeneous Time-Resolved Fluorometric Energy Transfer Assay of the β Subunit of Human Chorionic Gonadotropin in Serum, Blomberg et al., <u>Clinical Chemistry</u> , Vol. 45, No. 6, pp. 855-861, 1999.				
EXAMINER		DATE CONSIDERED				
		4/18/04				



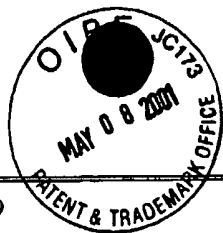
SHEET 6 of 11

FORM PTO-1449		DOCKET NUMBER LJL 354B		APPLICATION NUMBER 09/596,444		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT Wei Huang et al.				
		FILING DATE June 19, 2000		GROUP ART UNIT 1645		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
[Signature]	5,811,256	9/22/98	Bryant			
	5,820,849	10/13/98	Schmitt-Willich et al.			
	5,824,557	10/20/98	Burke et al.			
	5,824,772	10/20/98	Vincent et al.			
	5,827,653	10/27/98	Sammes et al.			
	5,830,769	11/3/98	Wieder et al.			
	5,846,710	12/8/98	Bajaj			
	5,846,722	12/8/98	Kauvar et al.			
	5,849,547	12/15/98	Cleuziat et al.			
	5,849,794	12/15/98	Bianchi et al.			
[Signature]	5,852,191	12/22/98	Karandikar et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
[Signature]	WO00/47693	8/17/00	WIPO			XX
	WO00/48990	8/24/00	WIPO			XX
OTHER DOCUMENTS						
[Signature]		TWISTER™, Tecan's Automated Microplate Handler brochure, Tecan AG, November 1999.				
[Signature]		A Microfabricated Fluorescence-Activated Cell Sorter, Fu et al., <u>Nature Biotechnology</u> , Vol. 17, pp. 1109-1111, November 1999.				
[Signature]		Absorbance Readers brochure, Tecan AG, December 1999.				
[Signature]		Kinase Assay Based on Thiophosphorylation and Biotinylation, Jeong et al., <u>BioTechniques</u> , Vol. 27, pp. 1232-1238, December 1999.				
[Signature]		ULTRA - The Solution for HTS and Assay Development brochure, Tecan Austria GmbH, December 1999.				
EXAMINER [Signature]			DATE CONSIDERED 4/18/04			



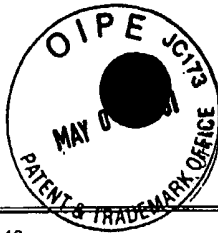
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FORM PTO-1449		DOCKET NUMBER LJL 354B		APPLICATION NUMBER 09/596,444		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT Wei Huang et al.				
		FILING DATE June 19, 2000		GROUP ART UNIT 1645		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
OP	5,854,008	12/29/98	Diamandis			
	5,858,671	1/12/99	Jones			
	5,858,676	1/12/99	Yang et al.			
	5,859,215	1/12/99	Rodríguez-Ubis et al.			
	5,861,239	1/19/99	Kleyn et al.			
	5,871,713	2/16/99	Meyer et al.			
	5,874,214	2/23/99	Nova et al.			
	5,880,096	3/9/99	Barrett et al.			
	5,880,296	3/9/99	Imbert et al.			
	5,885,779	3/23/99	Sadowski et al.			
5,888,728	3/30/99	Olson et al.				
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OP	WO00/48991	8/24/00	WIPO			XX
	WO00/55372	9/21/00	WIPO			XX
OTHER DOCUMENTS						
OP		Synthesis, Time-Resolved Luminescence, NMR Spectroscopy, Circular Dichroism and Circularly Polarised Luminescence Studies of Enantiopure Macrocyclic Lanthanide Tetraamide Complexes, Dickins et al., <u>Chem. Eur. J.</u> , Vol. 5, No. 3, 1999.				
		Mono(di)nuclear Europium(III) Complexes of Macrobi(tri)cyclic Cryptands Derived from Diazatetralactams as Luminophores in Aqueous Solution, Galaup et al., <u>Helvetica Chimica Acta</u> , Vol. 82, pp. 543-560, 1999.				
		Principles of Fluorescence Spectroscopy, Joseph R. Lakowicz, Second Edition, 1999.				
		New Fluorescent Labels for Polarization Assays and Lifetime Imaging, Analytix, February 2000.				
		CyBi™-PlateSafe brochure, CyBio AG, May 2000.				
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FORM PTO-1449		DOCKET NUMBER LJL 354B		APPLICATION NUMBER 09/596,444		
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		FILING DATE June 19, 2000		GROUP ART UNIT 1645		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
CP	5,888,819	3/30/99	Goelet et al.			
	5,891,621	4/6/99	Chabin et al.			
	5,891,674	4/6/99	Hillman et al.			
	5,891,696	4/6/99	Shaw et al.			
	5,897,674	4/6/99	Hillman et al.			
	5,910,574	6/8/99	Presta et al.			
	5,912,137	6/15/99	Tsien et al.			
	5,914,230	6/22/99	Liu et al.			
	5,945,283	8/31/99	Kwok et al.			
	5,948,620	9/7/99	Hurd et al.			
CP	5,958,694	9/28/99	Nikiforov			
	5,962,243	10/5/99	Brown et al.			
FOREIGN PATENT DOCUMENTS						
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CP	WO00/66269	11/9/00	WIPO			XX
CP	WO00/75167	12/14/00	WIPO			XX
OTHER DOCUMENTS						
CP		Packard BioScience Company Introduces the Fusion™ Universal Microplate Analyzer press release, Packard BioScience Company, June 29, 2000.				
CP		Tris(2,2'-bipyridyl)ruthenium(II) internet pages, OMLC, printed July 3, 2000.				
CP		CoreHTS, Estrogen Receptor -α & -β Competitor Assays brochure, PanVera Corporation, July 2000.				
EXAMINER CPY/Ran			DATE CONSIDERED 4/18/01			



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FORM PTO-1449		DOCKET NUMBER LJL 354B		APPLICATION NUMBER 09/596,444			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT Wei Huang et al.					
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.	
CP	5,981,180	11/9/99	Chandler et al.				
	5,981,185	11/9/99	Matson et al.				
	5,989,835	11/23/99	Dunlay et al.				
	6,004,744	12/21/99	Goelet et al.				
	6,005,113	12/21/99	Wu et al.				
	6,013,431	1/11/00	Söderlund et al.				
	6,013,457	1/11/00	Neunhofer et al.				
	6,025,129	2/15/00	Nova et al.				
	6,037,136	3/14/00	Beach et al.				
	6,045,755	4/4/00	Lebl et al.				
CP	6,045,996	4/4/00	Cronin et al.				
FOREIGN PATENT DOCUMENTS							
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CP	WO00/75662	12/14/00	WIPO			XX	
CP	WO00/75664	12/14/00	WIPO			XX	
OTHER DOCUMENTS							
CP		Protein Tyrosine Kinase Assay Kits flyer, PanVera Corporation, July 2000.					
CP		Protein Kinase C Assay Kits flyer, PanVera Corporation, July 2000.					
CP		Glucocorticoid Receptor flyer, PanVera Corporation, July 2000.					
CP		CoreHTS Glucocorticoid Receptor Competitor Assay Kit flyer, PanVera Corporation, August 2000.					
CP		Fusion™, Universal Microplate Analyzer, Packard BioScience Company, August 2000.					
EXAMINER CP			DATE CONSIDERED 4/18/04				



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FORM PTO-1449

INFORMATION DISCLOSURE
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
JP	6,054,557	4/25/00	Faure et al.			
JP	6,137,584	10/24/00	Seidel et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
JP	0 137 457 A2	4/17/85	EPO			XX
JP	0 178 450 A2	4/23/86	EPO			XX
JP	0 204 109	4/12/86	EPO			XX
JP	0 242 847 A2	10/28/87	EPO			XX
JP	0 259 386 B1	2/27/87	EPO			XX
JP	0 278 149 A2	8/17/88	EPO			XX

OTHER DOCUMENTS

JP		<i>Development of High Throughput Screening Assays Using Fluorescence Polarization: Nuclear Receptor-Ligand-Binding and Kinase/Phosphatase Assays, Parker et al., Journal of Biomolecular Screening, Vol. 5, No. 2, 2000.</i>
JP		<i>Lifetime- and Color-Tailored Fluorophores in the Micro- to Millisecond Time Regime, Chen et al., J. Am. Chem. Soc., Vol. 122, pp. 657-660, 2000.</i>
JP		<i>Luminescence and Structure of Europium Compounds, Vicentini et al., Coordination Chemistry Reviews, Vol. 196, pp. 353-382, 2000.</i>
JP		Reacti-Bind™ Metal Chelate Plates flyer, Pierce Chemical Company, 2000.
JP		Reacti-Bind™ Metal Chelate High Binding Capacity Plates flyer, Pierce Chemical Company, 2000.
JP		Reacti-Bind™ NeutrAvidin™ High Binding Capacity (HBC) Coated Plates flyer, Pierce Chemical Company, 2000.
JP		Reacti-Bind™ Streptavidin High Binding Capacity (HBC) Coated Plates flyer, Pierce Chemical Company, 2000.
JP		Reacti-Bind™ NeutrAvidin™ and Streptavidin Coated Plates flyer, Pierce Chemical Company, 2000.
JP		<i>Spectroscopic Properties and Design of Highly Luminescent Lanthanide Coordination Complexes, de Sa et al., Coordination Chemistry Reviews, Vol. 196, pp. 165-195, 2000.</i>

EXAMINER

DATE CONSIDERED

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FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER LJL 354B		APPLICATION NUMBER 09/596,444		
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
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<i>CP</i>	0 312 897 A1	4/26/89	EPO			XX
	0 317 074 B1	10/7/88	EPO			XX
	0 382 433 A2	12/18/96	EPO			XX
	0 382 433 B1	8/16/90	EPO			XX
	0 578 067 A1	6/24/93	EPO			XX
	0 648 280 B1	5/12/99	EPO			XX
	2 223 096 A	8/23/89	United Kingdom			XX
	2,099,542	1/8/94	Canada			XX
OTHER DOCUMENTS						
<i>CP</i>		Acumen Explorer brochure, Acumen, undated.				
<i>CP</i>		Protein Kinase C (PKC) tech specs, PanVera Corporation, undated.				
<i>CP</i>		PW 384 brochure, PanVera Corporation, undated.				
EXAMINER		<i>Chen Y. Fan</i>				
		DATE CONSIDERED <i>4/18/04</i>				



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INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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GROUP ART UNIT
1645

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
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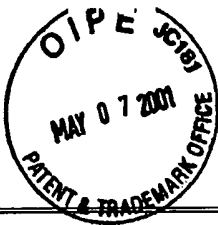
OTHER DOCUMENTS

	<i>Fluorescence Anisotropy Applied to Biomolecular Interactions</i> , D.M. Jameson et al., <u>Methods in Enzymology</u> , (1995) 246:283-300.
	<i>Post-Translational Modification of Proteins</i> , R. Krishna, <u>Advances in Enzymology</u> (1993) 67:265-299.

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FORM PTO-1449		DOCKET NUMBER LJL 354B		APPLICATION NUMBER 09/596,444		
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U.S. PATENT DOCUMENTS						
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	3,135,793	6/2/64	Bruce et al.			
	3,214,377	10/26/65	B.W. Hotten			
	3,504,052	3/31/70	Neuse et al.			
	3,530,049	9/22/70	Scherzer et al.			
	3,925,162	12/9/75	Kanno			
	3,996,345	12/7/76	Ullman et al.			
	3,966,556	6/29/76	Rubenstein et al.			
	4,181,654	1/1/80	Weitl et al.			
	4,199,559	4/22/80	Ullman et al.			
	4,205,952	6/3/80	Cais			
	4,220,722	9/2/80	Rowley et al.			
FOREIGN PATENT DOCUMENTS						
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	WO81/01883	7/9/81	WIPO			XX
	WO87/07385	12/3/87	WIPO			XX
OTHER DOCUMENTS						
	Structural Concepts in Immunology and Immunochemistry, Kabat, 2 nd Ed., pp. 103-105, 1976.					
	Joseph R. Lakowicz, Principles of Fluorescence Spectroscopy, First Edition, September 1983.					
	Photoelectroanalytical Chemistry: Possible Interferences in Serum and the Selective Detection of Tris(2,2'-bipyridine)ruthenium(II) in the Presence of Interferents, Weber et al., Clin. Chem., Vol. 29, No. 9, pp. 1665-1672 (1983).					
	Application of the Energy Gap Law to Nonradiative, Excited-State Decay, Caspar et al., J. Phys. Chem., Vol. 87, pp. 952-957, 1983.					
EXAMINER 			DATE CONSIDERED 4/18/04			



SHEET 2 OF 12

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER LJL 354B	APPLICATION NUMBER 09/596,444
	APPLICANT Wei Huang et al.	
	FILING DATE June 19, 2000	GROUP ART UNIT 1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
DE	4,238,195	12/9/80	Boguslaski et al.			
	4,238,395	12/9/80	Buckler et al.			
	4,240,751	12/23/80	Linnecke et al.			
	4,277,437	7/7/81	Maggio			
	4,280,815	7/28/81	Oberhardt et al.			
	4,293,310	10/6/81	Weber			
	4,318,846	3/9/82	Khanna et al.			
	4,352,395	10/5/82	Sydansk			
	4,352,751	10/5/82	Wieder et al.			
	4,363,759	12/14/82	Boguslaski et al.			
V	4,372,745	2/8/83	Mandle et al.			

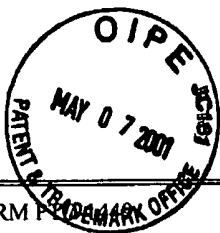
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DE	WO90/05301	5/17/90	WIPO			XX
DE	WO91/13075	9/5/91	WIPO			XX

OTHER DOCUMENTS

DE	<i>Electrogenerated Chemiluminescent Determination of Ru(bpy)₃²⁺ at Low Levels</i> , Ege et al., <u>Anal. Chem.</u> , Vol. 56, pp. 2413-2417, 1984.
DE	<i>Luminescence and Redox Reactions of the Metal-to-Ligand Charge-Transfer Excited State of Tricarbonylchloro-(polypyridyl)rhenium(I) Complexes</i> , Kalyanasundaram, <u>J. Chem. Soc., Faraday Trans.</u> , Vol. 82, pp. 2401-2415, 1986.
DE	<i>Time-Resolved Fluorescence of Lanthanide Probes and Applications in Biotechnology</i> , Soini et al., <u>CRC Critical Reviews in Analytical Chemistry</u> , Vol. 18, No. 2, 1987.

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SHEET 3 OF 12

FORM P-1 INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER LJL 354B	APPLICATION NUMBER 09/596,444
	APPLICANT Wei Huang et al.	
	FILING DATE June 19, 2000	GROUP ART UNIT 1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
Q	4,374,120	2/15/83	Soini et al.			
	4,378,344	3/29/83	Zahradnik et al.			
	4,412,064	10/25/83	Hinman			
	4,419,453	12/6/83	Dorman et al.			
	4,425,427	1/10/84	Luderer			
	4,432,907	2/21/84	Wieder et al.			
	4,459,360	7/10/84	Marinkovich			
	4,490,216	12/25/84	McConnell			
	4,514,508	4/30/85	Hirschfeld			
	4,542,104	9/17/85	Stryer et al.			
A	4,547,527	10/15/85	Ingram			
	4,565,790	1/21/86	Hemmilä et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
Q	WO92/11039	7/9/92	WIPO			XX
Q	WO92/15712	9/17/92	WIPO			XX

OTHER DOCUMENTS

Q	A System for Rapid DNA Sequencing with Fluorescent Chain-Terminating Dideoxynucleotides, Prober et al., <u>Science</u> , pp. 336-341, October 16, 1987.
Q	Solid Phase DNA Sequencing Using the Biotin-Avidin System, Stahl et al., <u>Nucleic Acids Res.</u> , Vol. 16, No. 7, pp. 3025-38, April 11, 1988 (abstract only).
Q	Stratagene 1988 Catalog excerpt, 1988.

EXAMINER <i>Q. J. Lee</i>	DATE CONSIDERED 4/18/04
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SHEET 5 OF 12

FORM PTO-1019 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER LJL 354B		APPLICATION NUMBER 09/596,444		
		APPLICANT Wei Huang et al.				
		FILING DATE June 19, 2000		GROUP ART UNIT 1645		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
OP	4,711,955	12/8/87	Ward et al.			
	4,721,669	1/26/88	Barton			
	4,741,900	5/3/88	Alvarez et al.			
	4,745,076	5/17/88	Müller et al.			
	4,761,481	8/2/88	Hale et al.			
	4,772,548	9/20/88	Stavrianopoulos			
	4,801,804	1/31/89	Rosenthal			
	4,806,488	2/21/89	Berger, Jr. et al.			
	4,808,541	2/28/89	Mikola et al.			
	4,822,733	4/18/89	Morrison			
OP	4,830,786	5/16/89	Pease et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OP	WO95/21271	8/10/95	WIPO			XX
OP	WO96/03410	2/8/96	WIPO			XX
OTHER DOCUMENTS						
OP		Kary B. Mullis, "The Unusual Origin of the Polymerase Chain Reaction," <u>Scientific American</u> , pages 56-65, April 1990.				
OP		A Brief Survey of Methods for Preparing Protein Conjugates with Dyes, Haptens, and Cross-Linking Reagents, Brinkley, <u>Bioconjugate Chemistry</u> , Vol. 3, No. 1, pp. 59-70, January/February 1992.				
OP		Trapped-Oligonucleotide Nucleotide Incorporation (TONI) Assay, A Simple Method for Screening Point Mutations, Prezant et al., <u>Hum. Mutat.</u> , Vol. 1, No. 2, pp. 159-64, 1992 (abstract only).				
OP		Time-Resolved Fluorescence of a new Europium Chelate Complex: Demonstration of Highly Sensitive Detection of Protein and DNA Samples, Saha et al., <u>J. Am. Chem. Soc.</u> , Vol. 115, No. 23, pp. 11032-33, 1993.				
EXAMINER J. P. Rau			DATE CONSIDERED 4/18/04			



SHEET 6 OF 12

FORM P-100 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER LJL 354B		APPLICATION NUMBER 09/596,444		
		APPLICANT Wei Huang et al.				
		FILING DATE June 19, 2000		GROUP ART UNIT 1645		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
OP	4,849,330	7/18/89	Humphries et al.			
	4,851,331	7/25/89	Vary et al.			
	4,863,849	9/5/89	Melamede			
	4,876,190	10/24/89	Recktenwald			
	4,883,579	11/28/89	Humphries et al.			
	4,894,347	1/16/90	Hillyard et al.			
	4,915,812	4/10/90	Parce et al.			
	4,920,195	4/24/90	Kankare et al.			
	4,942,127	7/17/90	Wada et al.			
	4,943,523	7/24/90	Stavrianopoulos			
	4,946,958	8/7/90	Campbell et al.			
FOREIGN PATENT DOCUMENTS						
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OP	WO97/22719	6/26/97	WIPO			XX
OP	WO97/35033	9/25/97	WIPO			XX
OTHER DOCUMENTS						
OP	Luminescent Lanthanide Complexes as Photochemical Supramolecular Devices, Sabbatini et al., <u>Coordination Chemistry Reviews</u> , Vol. 123, pp. 201-228, 1993.					
OP	Time-Resolved Detection of Lanthanide Luminescence for Ultrasensitive Bioanalytical Assays, Dickson et al., <u>J. of Photochem. Photobiol. B: Biol.</u> , 27 (1995) 3-19, October 28, 1994.					
OP	Processing of cDNA and Genomic Kilobase-Size Clones for Massive Screening, Mapping and Sequencing by Hybridization, Drmanac et al., <u>BioTechniques</u> , Vol. 17, No. 2, pp. 328-336, 1994.					
OP	Synthesis of Squaraine-N-Hydroxysuccinimide Esters and Their Biological Application as Long-Wavelength Fluorescent Labels, Terpetschnig et al., <u>Anal. Chem.</u> , Vol. 217, pp. 197-204, 1994.					
EXAMINER D. J. L. Bur			DATE CONSIDERED 4/18/04			



SHEET 7 OF 12

FORM PTO INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER LJL 354B	APPLICATION NUMBER 09/596,444
	APPLICANT Wei Huang et al.	
	FILING DATE June 19, 2000	GROUP ART UNIT 1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	4,956,275	9/11/90	Zuk et al.			
	4,962,020	10/9/90	Tabor et al.			
	4,963,658	10/16/90	Kung et al.			
	4,966,917	10/30/90	White			
	4,978,608	12/18/90	Kung et al.			
	5,004,806	4/2/91	Kung			
	5,011,770	4/30/91	Kung et al.			
	5,032,677	7/16/91	Hale et al.			
	5,055,578	10/8/91	Hale et al.			
	5,077,037	12/31/91	Wallace			
	5,086,002	2/4/92	Hillyard et al.			

FOREIGN PATENT DOCUMENTS

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	WO97/40104	10/30/97	WIPO			XX
	WO97/45739	12/4/97	WIPO			XX

OTHER DOCUMENTS

	<i>Sorting Single Molecules: Application to Diagnostics and Evolutionary Biotechnology</i> , Eigen et al., <u>PNAS</u> , Vol. 91, pp. 5740-5747, 1994.
	<i>Fluorescence-Based DNA Minisequence Analysis for Detection of Known Single-Base Changes in Genomic DNA</i> , Kobayashi et al., <u>Mol. Cell Probes</u> , Vol. 9, No. 3, pp. 175-82, June 1995 (abstract only).
	<i>Hybridization of Fluorescein-Labeled DNA Oligomers Detected by Fluorescence Anisotropy with Protein Binding Enhancement</i> , Kumke et al., <u>Anal. Chem.</u> , Vol. 67, No. 21, November 1, 1995.

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SHEET 8 OF 12

FORM P-100 INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER LJL 354B	APPLICATION NUMBER 09/596,444
	APPLICANT Wei Huang et al.	
	FILING DATE June 19, 2000	GROUP ART UNIT 1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,104,804	4/14/92	Humphries et al.			
	5,106,957	4/21/92	Hale et al.			
	5,112,134	5/12/92	Chow et al.			
	5,116,989	5/26/92	Hale et al.			
	5,180,828	1/19/93	Ghazarossion et al.			
	5,202,423	4/13/93	Kankare et al.			
	5,216,134	6/1/93	Mukkala et al.			
	5,221,605	6/22/93	Bard et al.			
	5,225,543	7/6/93	Eppler et al.			
	5,232,858	8/3/93	Wolfbeis et al.			
	5,238,808	8/24/93	Bard et al.			

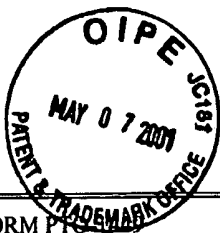
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	WO98/01472	1/15/98	WIPO			XX
	WO98/05962	2/12/98	WIPO			XX

OTHER DOCUMENTS

	<i>Fluorescence Energy Transfer Immunoassay Based on a Long-Lifetime Luminescent Metal-Ligand Complex</i> , Young et al., <i>Analytical Biochemistry</i> , Vol. 232, pp. 24-30, 1995.
	Jeffrey Sipior et al., "A Lifetime-Based Optical CO ₂ Gas Sensor with Blue or Red Excitation and Stokes or Anti-Stokes Detection," <i>Analytical Biochemistry</i> , 227, 309-318 (1995).
	Jonathan Burke, "Gene Genie," <i>The Red Herring</i> , internet pages 1-7, December 1996.

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SHEET 9 OF 12

FORM PTO INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER LJL 354B	APPLICATION NUMBER 09/596,444
	APPLICANT Wei Huang et al.	
	FILING DATE June 19, 2000	GROUP ART UNIT 1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,245,038	9/14/93	Hale et al.			
	5,246,867	9/21/93	Lakowicz et al.			
	5,252,293	10/12/93	Drbal et al.			
	5,252,462	10/12/93	Drevin et al.			
	5,252,740	10/12/93	Hale et al.			
	5,256,535	10/26/93	Ylikoski et al.			
	5,274,113	12/28/93	Kang et al.			
	5,278,048	1/11/94	Parce et al.			
	5,279,943	1/18/94	Mathis et al.			
	5,283,173	2/1/94	Fields et al.			

FOREIGN PATENT DOCUMENTS

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	WO98/18956	5/7/98	WIPO			XX
	WO98/23942	6/4/98	WIPO			XX

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	Chemical Abstracts number 124:160,011; abstract for LINDSTROEM et al., "Electron transport properties in dye-sensitized nanocrystalline/nanostructured titanium dioxide films: J. Phys. Chem. Vol. 100 (8), pp. 3084-3088, 1996.
	<i>Multiplex, Fluorescent, Solid-Phase Minisequencing for Efficient Screening of DNA Sequence Variation</i> , Pastinen et al., <i>Clinical Chemistry</i> , Vol. 42, No. 9, pp. 1391-1397, 1996.
	<i>Comparative Study of Fluorescent Ternary Terbium Complexes. Application in Enzyme Amplified Fluorimetric Immunoassay for α-fetoprotein</i> , Veiopoulou et al., <i>Analytica Chimica Acta</i> , Vol. 335, pp. 177-184, 1996.
	Chemical Abstracts number 126:72,240; abstract for HERMANN et al., "Structure of Nanocrystalline TiO ₂ Powders and Precursor to Their Highly Efficient Photosensitizer", Chem. Mater. Vol. 9 (2), pp. 430-439, 1997.

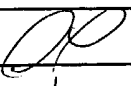

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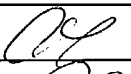
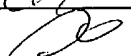
SHEET 10 OF 12

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER LJL 354B	APPLICATION NUMBER 09/596,444
	APPLICANT Wei Huang et al.	
	FILING DATE June 19, 2000	GROUP ART UNIT 1645

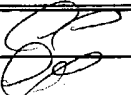
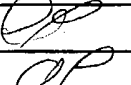
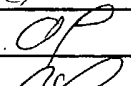

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	5,302,509	4/12/94	Cheeseman			
	5,310,687	5/10/94	Bard et al.			
	5,312,986	5/17/94	Simon et al.			
	5,315,015	5/24/94	Hui et al.			
	5,316,909	5/31/94	Xu			
	5,324,825	6/28/94	Kankare et al.			
	5,326,692	6/5/94	Brinkley et al.			
	5,340,716	8/23/94	Ullman et al.			
	5,341,215	8/23/94	Seher			
	5,369,108	11/29/94	Breslow et al.			
	5,374,531	12/20/94	Jensen			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	WO98/59066	12/30/98	WIPO			XX
	WO99/11774	3/11/99	WIPO			XX

OTHER DOCUMENTS

	David Stipp, "Gene Chip Breakthrough," <u>Fortune</u> , internet pages 1-12, March 31, 1997.
	The Society for Biomolecular Screening, 3 rd Annual Conference and Exhibition, p.59, September 9, 22-25, 1997.
	Electrochemiluminescence: A Technology Review internet pages, IGEN, printed December 16, 1997.
	<i>A Homogeneous Method for Genotyping with Fluorescence Polarization</i> , Gibson et al., <u>Clinical Chemistry</u> , Vol. 43, No. 8, pp. 1336-1341, 1997.

EXAMINER 	DATE CONSIDERED 7/18/04
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SHEET 11 OF 12

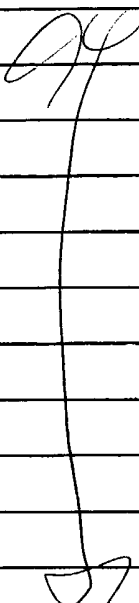
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		APPLICANT Wei Huang et al.				
		FILING DATE June 19, 2000		GROUP ART UNIT 1645		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
[Signature]	5,384,108	1/24/95	Rajagopalan			
	5,403,928	4/4/95	Arrhenius			
	5,409,666	4/25/95	Nagel et al.			
	5,409,835	4/25/95	Lakowicz et al.			
	5,433,896	7/18/95	Kang et al.			
	5,434,088	7/18/95	Ikeda et al.			
	5,443,791	8/22/95	Cathcart et al.			
	5,453,356	9/26/95	Bard et al.			
	5,457,186	10/10/95	Mukkala et al.			
	5,464,607	11/7/95	Anelli et al.			
[Signature]	5,482,699	1/9/96	Almen et al.			
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[Signature]	WO99/29894	6/17/99	WIPO			XX
OTHER DOCUMENTS						
[Signature]		Development of Luminescent Lanthanide Chelate Labels for Diagnostic Assays, Hemmila et al., <u>Journal of Alloys and Compounds</u> , Vol. 249, pp. 158-162, 1997.				
[Signature]		Minisequencing: A Specific Tool for DNA Analysis and Diagnostics on Oligonucleotide Arrays, Pastinen et al., <u>Genome Research</u> , Vol. 7, pp. 606-614, 1997.				
[Signature]		Template-Directed Dye-Terminator Incorporation (TDI) Assay: A Homogeneous DNA Diagnostic Method Based on Fluorescence Resonance Energy Transfer, Chen et al., <u>Nucleic Acids Research</u> , Vol. 25, No. 2, pp. 347-353, 1997.				
EXAMINER [Signature]		DATE CONSIDERED 4/18/04				



SHEET 12 OF 12

FORM PTO INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER LJL 354B	APPLICATION NUMBER 09/596,444
	APPLICANT Wei Huang et al.	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,501,956	3/26/96	Wada et al.			
	5,512,493	4/30/96	Mathis et al.			
	5,518,900	5/21/96	Nikiforov et al.			
	5,525,479	6/11/96	Anthony et al.			
	5,527,684	6/18/96	Mabile et al.			
	5,527,688	6/18/96	Mallia			
	5,531,978	7/2/96	Berg et al.			
	5,541,113	7/30/96	Siddigi et al.			
	5,554,749	9/10/96	Wallace et al.			
	5,561,051	10/1/96	Silverman			
	5,561,052	10/1/96	Koike			

FOREIGN PATENT DOCUMENTS

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	WO99/36779	7/22/99	WIPO			XX

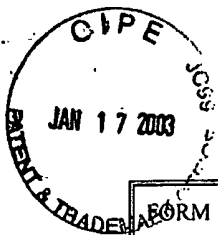
OTHER DOCUMENTS

	<i>Towards Materials with Planned Properties: Dinuclear f-f Helicates and d-f Non-Covalent Podates Based on Benzimidazole-Pyridine Binding Units, Bunzli et al., Journal of Alloys and Compounds, Vol. 249, pp. 14-24, 1997.</i>
	<i>Water-Soluble Neutral calyx[4]arene-Lanthanide Complexes: Synthesis and Luminescence Properties, Steemers et al., J. Org. Chem., Vol. 62, pp. 4229-4235, 1997.</i>
	<i>Fluorescence Polarization Applications Guide, PanVera Corporation, pp. 6-1 through 6-4, January 1998 Edition.</i>

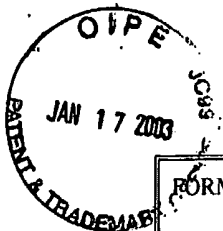
EXAMINER

DATE CONSIDERED

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FORM PTO-1449		DOCKET NUMBER LJL 354B		APPLICATION NUMBER 09/596,444		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANTS Wei Huang et al.				
		FILING DATE June 19, 2000		GROUP ART UNIT 1645 164		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
al	3,901,654	8/26/75	Gross			
	4,163,780	8/7/79	Ishida et al.			
	4,257,774	3/24/81	Richardson et al.			
	4,492,762	1/8/85	Wang et al.			
	4,751,190	6/14/88	Chiapetta et al.			
	4,859,609	8/22/89	Dull et al.			
	4,863,876	9/5/89	Hevey			
	4,876,335	10/24/89	Yamane et al.			
al	5,030,576	7/9/91	Dull et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
al	WO81/00261	2/5/81	WIPO			XX
al	WO88/06633	9/7/88	WIPO			XX
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al	Intramolecular Mobility of Pepsin, Glotov et al., <u>Molecular Biology (Moscow)</u> , Vol. 10, No. 1, pp. 161-174, January-February 1976.					
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al	Histone H1--DNA Interaction. On the Mechanism of DNA Strands Crosslinking by Histone H1, Glotov et al., <u>Nucleic Acids Research</u> , Vol. 5, No. 7, pp. 2587-2605, July 1978 (abstract only included).					
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al	Fluorescent-Labeled Oligonucleotide Probes: Detection of Hybrid Formation in Solution by Fluorescence Polarization Spectroscopy, Murakami et al., <u>Nucleic Acids Research</u> , Vol. 19, No. 15, pp. 4097-4102, August 11, 1991.					
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FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION	DOCKET NUMBER LJL 354B	APPLICATION NUMBER 09/596,444
	APPLICANTS Wei Huang et al.	
	FILING DATE June 19, 2000	GROUP ART UNIT 1645

U.S. PATENT DOCUMENTS

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OE	5,124,457	6/23/92	Ungemach et al.			
	5,155,212	10/13/92	Dubler et al.			
	5,258,512	11/2/93	Heiman et al.			
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	5,340,714	8/23/94	Katsilometes			
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OE	WO93/25672	12/23/93	WIPO			XX
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OE	<i>Design and Use of Peptide Substrates for Protein Kinases</i> , Kemp et al., <u>Methods in Enzymology</u> , Vol. 200, pp. 121-134, 1991.
OE	<i>Chromatin Condensation: Does Histone H1 Dephosphorylation Play a Role?</i> , Roth et al., <u>TIBS</u> , Vol. 17, pp. 93-98, March 1992.
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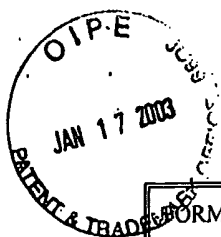
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FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER LJL 354B		APPLICATION NUMBER 09/596,444		
		APPLICANTS Wei Huang et al.				
		FILING DATE June 19, 2000		GROUP ART UNIT 1645		
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	5,478,754	12/26/95	Brandt et al.			
	5,621,075	4/15/97	Kahn et al.			
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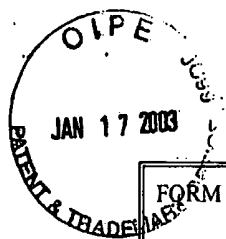
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER LJL 354B		APPLICATION NUMBER 09/596,444		
		APPLICANTS Wei Huang et al.				
		FILING DATE June 19, 2000		GROUP ART UNIT 1645		
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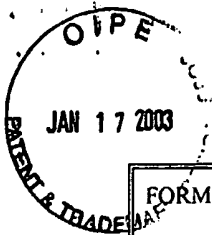
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANTS Wei Huang et al.				
		FILING DATE June 19, 2000		GROUP ART UNIT 1645		
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CE	6,472,141	10/29/02	Nikiforov			
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CE	EP 0678581	10/25/95	EPO			XX
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CE	Fluorescence Polarization Applications Guide: DNA-Protein Binding Applications, Panvera Corporation, pp. 2-1 to 2-9, January 1998.					
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		APPLICANTS Wei Huang et al.				
		FILING DATE June 19, 2000		GROUP ART UNIT 1645		
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	EP 0774516	5/21/97	EPO			XX
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EXAMINER	<i>Arif Khan</i>			DATE CONSIDERED <i>4/18/04</i>		

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